

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A mobile terminal apparatus, comprising:

a contactless IC (integrated circuit) device for use in communicating with external equipment by radio waves, and accumulating authentication information from a higher-level apparatus, and transmitting the authentication information to the external equipment; and

control means for enabling or disabling specified functions of the mobile terminal apparatus according to information received from the external equipment through the contactless IC device after the external equipment checks the authentication information received from the contactless IC device.

2. (original) The mobile terminal apparatus according to claim 1, wherein

the external equipment is a reader/writer capable of reading and writing information from and to the contactless IC device.

3. (previously presented) The mobile terminal apparatus according to claim 1,

wherein

the mobile terminal apparatus has a plurality of modes in each of which the respective enabled and disabled states of the specified functions is set in advance, the contactless IC device

Amendment under 37 C.F.R. § 1.116

U.S. Application No. 10/671,481

performs communications with the external equipment about a mode, and the control means enables or disables the specified functions according to the mode specified by the external equipment.

4. (original) The mobile terminal apparatus according to claim 1, wherein the specified functions include at least a power supply function, a sound volume function, a vibration function, and an offline function.

5. (original) The mobile terminal apparatus according to claim 1, wherein the higher-level apparatus is a ticket issue server for issuing ticket information for use in authenticating an admission into an institution.

6. (original) The mobile terminal apparatus according to claim 1, wherein the higher-level apparatus is a certificate authority for issuing an electronic certificate.

7. (currently amended) A mobile terminal settings changing system, comprising:
a higher-level apparatus for issuing authentication information;
a mobile terminal apparatus comprising a contactless IC (integrated circuit) device for accumulating the authentication information from the higher-level apparatus and transmitting the authentication information to external equipment, and control means for enabling or disabling

specified functions of the mobile terminal apparatus according to information received through the contactless IC device; and

external equipment for communicating with the contactless IC device by radio waves, and transmitting the information to the contactless IC device after checking the authentication information received from the contactless IC device.

8. (original) The mobile terminal settings changing system according to claim 7, wherein

the external equipment is a reader/writer capable of reading and writing information from and to the contactless IC device.

9. (previously presented) The mobile terminal settings changing system according to claim 7, wherein

the mobile terminal apparatus has a plurality of modes in each of which the respective enabled and disabled states of the specified functions is set in advance, the external equipment performs communications with the contactless IC device about a mode after checking the authentication information, and the control means enables or disables the specified functions according to the mode specified by the external equipment.

10. (original) The mobile terminal settings changing system according to claim 7, wherein

Amendment under 37 C.F.R. § 1.116
U.S. Application No. 10/671,481

the specified functions include at least a power supply function, a sound volume function, a vibration function, and an offline function.

11. (original) The mobile terminal settings changing system according to claim 7, wherein

the higher-level apparatus is a ticket issue server for issuing ticket information for use in authenticating an admission into an institution.

12. (original) The mobile terminal settings changing system according to claim 7, wherein

the higher-level apparatus is a certificate authority for issuing an electronic certificate.

13. (currently amended) A mobile terminal settings changing method, comprising the steps of:

transmitting authentication information to external equipment through a contactless IC (integrated circuit) device stored in a mobile terminal apparatus for use in communicating with the external equipment by radio waves, and accumulating the authentication information from a higher-level apparatus;

receiving information from the external equipment through a the contactless IC (integrated circuit) device stored in a mobile terminal apparatus for use in communicating with the external equipment by radio waves, and accumulating authentication information from a

higher-level apparatus after the external equipment checks the authentication information received from the contactless IC device; and

enabling or disabling specified functions of the mobile terminal apparatus according to the received information.

14. (original) The mobile terminal settings changing method according to claim 13, wherein

the external equipment is a reader/writer capable of reading and writing information from and to the contactless IC device.

15. (previously presented) The mobile terminal settings changing method according to claim 13, wherein

the mobile terminal apparatus has a plurality of modes in each of which the respective enabled and disabled states of the specified functions is set in advance, the contactless IC device performs communications with the external equipment about a mode, and the specified functions are enabled or disabled according to the mode specified by the external equipment.

16. (original) The mobile terminal settings changing method according to claim 13, wherein

the specified functions include at least a power supply function, a sound volume function, a vibration function, and an offline function.

17. (original) The mobile terminal settings changing method according to claim 13,
wherein

the higher-level apparatus is a ticket issue server for issuing ticket information for use in
authenticating an admission into an institution.

18. (original) The mobile terminal settings changing method according to claim 13,
wherein

the higher-level apparatus is a certificate authority for issuing an electronic certificate.

19. (currently amended) A computer-readable medium containing a program used to
direct a computer to perform the processes of:

transmitting authentication information to external equipment through a contactless IC
(integrated circuit) device stored in a mobile terminal apparatus for use in communicating with
the external equipment by radio waves, and accumulating the authentication information from a
higher-level apparatus;

receiving information from the external equipment through a the contactless IC
~~(integrated circuit) device stored in a mobile terminal apparatus for use in communicating with~~
~~the external equipment by radio waves, and accumulating authentication information from a~~
~~higher-level apparatus~~ after the external equipment checks the authentication information
received from the contactless IC device; and

Amendment under 37 C.F.R. § 1.116
U.S. Application No. 10/671,481

enabling or disabling specified functions of the mobile terminal apparatus according to
the received information.